

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/070,125

PATENT APPLICATION
Atty. Docket No.: Q68763

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 - 10. (Cancelled).

11. (Currently Amended) An ink jet recording apparatus comprising:

a recording head that jets ink drops to record,

a carriage adapted to be loaded with a plurality of detachable ink container containers each of which stores storing ink to be fed to said recording head, wherein said carriage reciprocally moves with said recording head, and

a communication unit including a single antenna for communicating with [[a]] storage element elements which are provided with said ink container containers, respectively, said communication unit being able to communicate with said storage element elements provided with said ink container containers not only when said ink container is containers are loaded on said carriage, but also when said ink container is containers are not loaded on said carriage,

wherein in a state that said ink container is loaded on said carriage, said communication unit is able to communicate with said storage element for said ink container only when said storage element for said ink container is brought close to said communication unit, said communication between said communication unit and said storage element for said ink container being enabled at least during a portion of said reciprocal movement and,

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/070,125

PATENT APPLICATION
Atty. Docket No.: Q68763

wherein in a state that said ink container is not loaded on said carriage, said communication unit is able to communicate with said storage element for said ink container only when said storage element for said ink container is brought close to said communication unit to such a distance that said storage element for said ink container is able to communicate with said communication unit in the state that said ink container is loaded on said carriage.

12. (Previously presented) An ink jet recording apparatus according to Claim 11, wherein said communication unit communicates with said storage element for the ink container in a non-contact state.

13. (Cancelled)

14. (Previously presented) An ink jet recording apparatus according to Claim 12, wherein power is supplied to said storage element for said ink container in a non-contact state.

15. (Previously presented) An ink jet recording apparatus according to Claim 11, wherein information within said storage element for said ink container can be rewritten and stored in said storage element at least via said communication unit reading and writing.

16. (Previously presented) An ink jet recording apparatus according to Claim 11, further comprising a storage element for said recording head installed in said recording head for storing information concerning said recording head, wherein said communication unit communicates also with said storage element for said recording head.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/070,125

PATENT APPLICATION
Atty. Docket No.: Q68763

17. (Previously presented) An ink jet recording apparatus according to Claim 16, wherein said communication unit communicates with said storage element for said recording head in a non-contact state.

18. (Previously presented) An ink jet recording apparatus according to Claim 11, wherein said communication unit communicates also with a storage element for a recording medium installed in a package of storage medium to be recorded by said ink jet recording apparatus.

19. (Previously presented) An ink jet recording apparatus according to Claim 18, wherein said communication unit communicates with said storage element for said recording medium in a non-contact state.

20. (Currently amended) An ink jet recording apparatus comprising:
a recording head;
a carriage, which reciprocally moves with the recording head and on which ~~an ink container is~~ a plurality of ink containers are detachably mounted, wherein the ink container ~~comprises a memory~~ containers comprise memories, respectively; and
a communication circuit including a single antenna that communicates with the ~~memory~~ memories provided when the ink ~~container is~~ containers are mounted on the carriage and when said ink ~~container is~~ containers are not mounted on the carriage,

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/070,125

PATENT APPLICATION
Atty. Docket No.: Q68763

wherein, when the ink container is mounted on the carriage, the communication circuit communicates with the memory when the carriage moves the storage element close to the communication circuit.

21. (Previously presented) An ink jet recording apparatus according to Claim 20, wherein said communication circuit communicates with the memory in a non-contact state.

22. (Cancelled)

23. (Previously presented) An ink jet recording apparatus according to Claim 21, wherein power is supplied to the memory in the non-contact state.

24. (Previously presented) An ink jet recording apparatus according to Claim 20, wherein the communication circuit can read information from and write information to the memory.

25. (Previously presented) An ink jet recording apparatus according to Claim 20, wherein the recording head comprises a head memory that stores information concerning the recording head,

wherein said communication circuit communicates with the head memory.

26. (Previously presented) An ink jet recording apparatus according to Claim 25, wherein the communication circuit communicates with the head memory in a non-contact state.

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No.: 10/070,125

PATENT APPLICATION
Atty. Docket No.: Q68763

27. (Previously presented) An ink jet recording apparatus according to Claim 20,
wherein a recording medium that receives information recorded via the recording head is stored
in a package,

wherein the package comprises a recording medium memory, and

wherein the communication circuit communicates with the recording medium memory.

28. (Previously presented) An ink jet recording apparatus according to Claim 27,
wherein the communication circuit communicates with the recording medium memory in a non-
contact state.